KONICA MINOLTA

The bizhub 20 is a perfect choice for workflows large and small. You can count on fast 32 ppm output speed, for productivity that legacy printers and ordinary all-in-one's (AIO's) can't match. PCL6 and PostScript 3 emulation is built-in, for cross-platform printing. Versatile paper handling lets you print and copy on paper sizes up to 8.5" x 14". Color scanning brings information into your system easily – with scan to USB, scan-to-Email and scan-to-FTP for fast, flexible distribution, plus built-in fax to put total input/output power at your fingertips. And you'll have more: convenient USB host port for printing directly from and scanning to USB thumb drives, standard auto duplexing, 50-page reversing auto document feeder, and secure printing with user authentication you can set for each function. For cost-efficient A4 monochrome printing, copying, and scanning to complement your total document solution, count on Konica Minolta.

Fast printing, color scanning – and much more.

printer/copier/scanner/fax

bizhub 20

- FAST 32 PPM OUTPUT IN HIGH-RESOLUTION, HIGH-QUALITY B&W
- COLOR SCANNING TO BRING COLOR DOCUMENTS INTO YOUR SYSTEM
- SCAN-TO-FTP, SCAN-TO-EMAIL, SCAN-TO-SMB FOR EASY FILE SHARING
- BUILT-IN PCL6 AND POSTSCRIPT 3 EMULATION FOR ANY ENVIRONMENT
- DIRECT PRINTING FROM AND SCANNING TO USB FLASH MEMORY DRIVES
- SUPPORTS PDF, JPEG, TIFF, XPS FILE FORMATS
- STANDARD AUTO DUPLEXING AND REVERSING AUTO DOCUMENT FEEDER
- SIMPLE OPERATING PANEL WITH DEDICATED FUNCTION KEYS
- STANDARD 250-SHEET CASSETTE, 50-SHEET MULTIPURPOSE TRAY
- PRINT/COPY SIZES UP TO 8.5" x 11" LETTER AND 8.5" x 14" LEGAL
- SECURE PRINTING WITH MULTIPLE AUTHENTICATION SETTINGS
- STANDARD HIGH-SPEED SUPER G3 FAX, INTERNET FAXING, PC-FAXING
- UP TO 8,000-PAGE TONER YIELD TO REDUCE COST OF OWNERSHIP
- GREEN TECHNOLOGIES TO SAVE ENERGY AND REDUCE WASTE

COUNT ON KONICA MINOLTA

Eco Vision 2050 is Konica Minolta's commitment to protect the environment – saving energy, preserving resources, promoting recycling and reducing CO_2 emissions by 20% in 2015 – and ultimately by 80% in 2050, to help sustain the environment for generations to come. Please visit our website to learn more about our environmental initiatives and our exclusive **Clean Planet Program.**

www.countonkonicaminolta.com

bizhub 20 printer/copier/scanner/fax

COUNT ON KONICA MINOLTA

SPECIFICATIONS	
Print / Copy Speed (Letter, portrait)	32 ppm
Monthly Duty Cycle (pages)	30,000
Print Method	Electrophotographic Laser
COPY	
Display	5-line, 22 character white back-lit LCD
ADF	50 page Auto Reverse
Warm-up Time / First Copy Time	Approx. 18 seconds / 10.5 seconds or less
Copy Resolution / Multiple Copies	Max. 1,200 x 600 dpi / 1 - 99
Copy Features	Duplex (1-sided → 2-sided, 2-sided → 2-sided, 2-sided → 1-sided), Advanced Duplex (2-sided → 1-sided, 1-sided → 2 sided), Contrast/Brightness Adjustment +/-5, Enlarge/Reduce
	[Auto, Preset, Custom (25-400% in 1% increments)], Quality (Auto, Text, Photo), Sort, N-in-1 [2-in-1 (P), 2-in-1 (L), 4-in-1 (P), 4-in-1 (L)]
PRINT	
Warm-up Time / First Print Time	Approx. 18 seconds / 8.5 seconds or less
Processor / Speed	NEC VR5500 / 300MHz
Memory	64 MB (shared print, copy, scan and fax memory)
Print Resolution / Grayscale Gradations	300 x 300 dpi / 600 x 600 dpi / 1,200 x 1,200 dpi / 2,400 x 600 dpi / 256 Gradations
Interface	Fast Ethernet 10/100BASE-TX, Hi-Speed USB 2.0, IEEE1284 Parallel Port, USB Host Port
Page Description Language	PCL6, PostScript 3 Emulation
Print Features	Collate, Quality Settings (General, Graphics, Office Document, Text, Manual), Multiple Page (Normal, 2-in-1, 4-in-1, 9-in-1, 16-in-1, 25-in-1, 1-in-2 x2 pages, 1-In-3 x3 pages,
	1-in-4 x4 pages, 1-in-5 x5 pages), Duplex, Booklet, Binding Offset, Scaling (Fit to paper, Enlarge/Reduce 25-400% in 1% increments), Reverse Print, Watermark, Header-Footer,
	Secure Print, Macro Function (Overlay), Density Adjustment, Toner Save Mode, Status Monitor
COLOR SCAN	
Scan Speed	Color: Up to 8 opm; Monochrome: Up to 20 opm (speeds vary based on resolution and data size)
Scan Resolution	Up to 19,200 x 19,200 dpi (interpolated); From Scanner Glass: Up to 600 × 2400 dpi (optical); From ADF: Up to 600 × 1200 dpi (optical)
Grayscale Gradations / Color Depth	256 gradations / 24-bit
Scan Bed (Platen) Size	Up to 8.5" x 14"
Scan File Formats	PDF, Secure PDF, JPEG, TIFF, XPS
Scan Features	Color Scanning, Duplex, Scan-to-Email, Scan-to-USB, Scan-to-FTP, Scan-to-Network (SMB)
Scan Drivers	TWAIN and WIA (WIA compliant w/Windows XP/Windows Vista/Windows 7)
Scan Utilities	ScanSoft PaperPort 11SE, ControlCenter3 (Windows), ControlCenter2 (Mac)
FAX	
Fax Transmission Speed	33.6 Kbps Super G3
Fax Resolution	Horizontal: 8 dot/mm; Vertical: Standard 3.85 line/mm, Fine/Photo 7.7 line/mm, Superfine 15.4 line/mm
Compression	MH/MR/MMR/JBIG
Polling Types	Standard, Secure, Timer, Sequential
Contrast Control	Automatic/Light/Dark (manual setting)
Fax Features	Duplex Fax Receive, One Touch Dial (up to 40), Speed Dial (300 stations), Groups (up to 20), Automatic Redial, Ring Delay, Memory Transmission (up to 600 pages), Internet Fax, PC-Fax
MEDIA HANDLING	
Paper Tray	Paper Type: Plain paper, Bond paper, Transparencies, Thin paper or Recycled paper; Paper Size: Letter, Legal, A4, B5 (ISO), A5, A5 (Long Edge), B6 (ISO), A6 and Executive;
	Paper Weight: 16 - 28 lb bond (60 - 105 g/m²); Maximum Paper Tray Capacity: Up to 250 sheets of 80 g/m² Plain paper
Multipurpose tray (MP tray)	Paper Type:Thin paper, Plain paper, Thick paper, Bond paper, Transparencies, Recycled paper, Envelopes or Labels; Paper Size: Width: 2.75" - 8.5" Length: 4.57" - 16";
	Paper Weight: 16 - 43 lb bond (60 - 163 g/m²); Maximum Paper Tray Capacity: Up to 50 sheets of 80 g/m² Plain paper, Up to 3 envelopes
Optional Tray	Paper Type: Plain paper, Bond paper, Transparencies, Thin paper or Recycled paper; Paper Size: Letter, Legal, A4, B5 (ISO), A5, A5 (Long Edge), B6 (ISO), A6 and Executive;
	Paper Weight: 16 - 28 lb bond (60 - 105 g/m²); Maximum Paper Tray Capacity: Up to 250 sheets of 80 g/m² Plain paper
Duplex	Paper Weight: 16 - 28 lb bond (60 - 105 g/m²)
Paper Output Trays	Standard: 150-sheet face-down output tray, 1-sheet face-up back output tray
NETWORK PROTOCOLS	
TCP/IP IPv4 Supported Protocols	ARP, PARP, BOOTP, DHCP, APIPA (Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server,
	TELNET Server, HTTP/HTTPS Server, SSL/TLS, TFTP Client and Server, SMTP Client, APOP, POP before SMTP, SMTP AUTH, SNMPv1/v2c/v3, ICMP, LLTD responder, Web Services Print,
	IFS Client, SNTP, LDAP, POP3/SMTP, FTP Client
TCP/IP IPv6 Supported Protocols	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS Server, SSL/TLS, TFTP Client and Server,
	SMTP Client, APOP, POP before SMTP, SMTP AUTH, SNMPv1/v2c/v3, ICMPv6, LLTD responder, Web Services Print, CIFS Client, SNTP, LDAP, POP3/SMTP, FTP Client
OPERATING SYSTEM COMPATABILITY	
Windows	Windows 2000 Professional, Windows XP Home, Windows XP Professional (x32/x64), Windows Vista, Windows 7, Windows Server 2003 (x32/x64), Windows Server 2008 (R1/R2)
Mac	OS X 10.3.9 or greater
SECURITY	
Security Functions	Secure Function Lock (copy/print/scan/fax/USB Direct Print restriction), Secure Print, IP filtering (IPv4), NTLMv3 Authentication (MD5) for MIB, SSL protocol, SNMPv3
APPLICATION SOFTWARE	
Network and Device Management	PageScope Net Care Device Manager, BRAdmin Light, Web Based Management
User Tools	ScanSoft PaperPort 11SE, ControlCenter3 (Windows), ControlCenter2 (Mac), Status Monitor
ENVIRONMENTAL	
Temperature / Humidity	Operating: 50°F to 90.5°F / 20 to 80% (without condensation)
Noise Levels	Operating (Copying): < 56 dB, Standby: < 30 dB, Printing: < 52.6 dB
POWER & DIMENSIONS	
Power Requirements	AC 110 - 120V 50/60Hz
Consumption	Peak: 1080 W, Copying: Average 680 W, Sleep: Average 18W, Standby: Average 85 W
Dimensions (W x D x H) / Weight	20.9" x 17.8" x 18.7" / Approx. 41lbs
CONSUMABLES	
TNP24 Black Toner	Approx. 8,000 A4/Letter pages*
DR-P01 Drum Unit	Approx. 25,000 A4/Letter pages
WARRANTY	
Printer Warranty	1-Year

*Approx. cartridge yield is declared in accordance with ISO/IEC 19752

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www.CountOnKonicaMinolta.com
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Konica Minolta Optimized Print Services offers a full suite of device output services and workflow solutions that increase efficiency and control costs.
Please contact your authorized Konica Minolta sales representative for details.

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